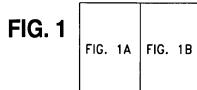


1;



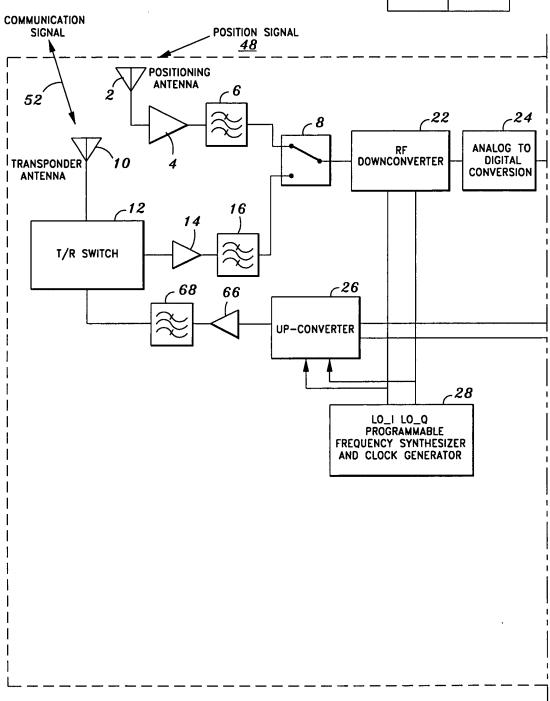


FIG. 1A

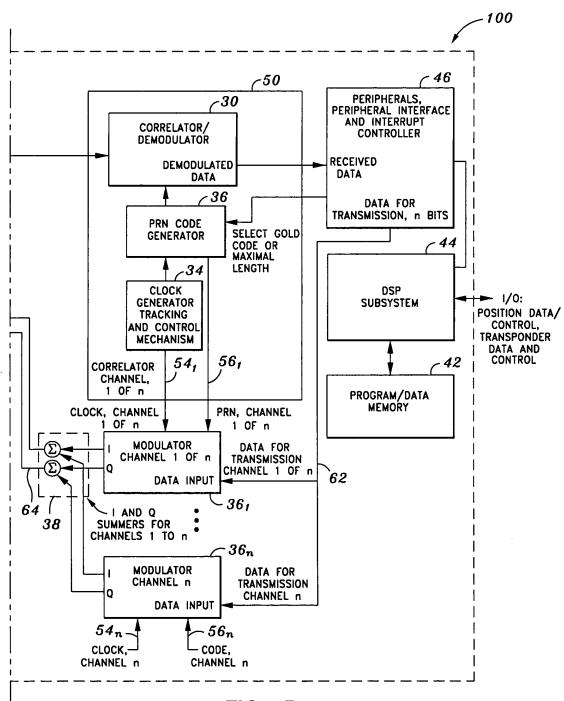
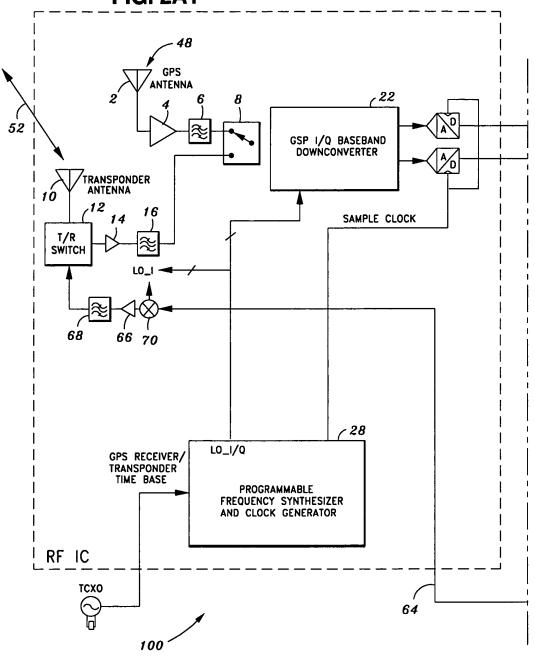
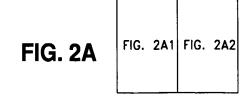


FIG. 1B

FIG. 2A1





**FIG. 2A2** 

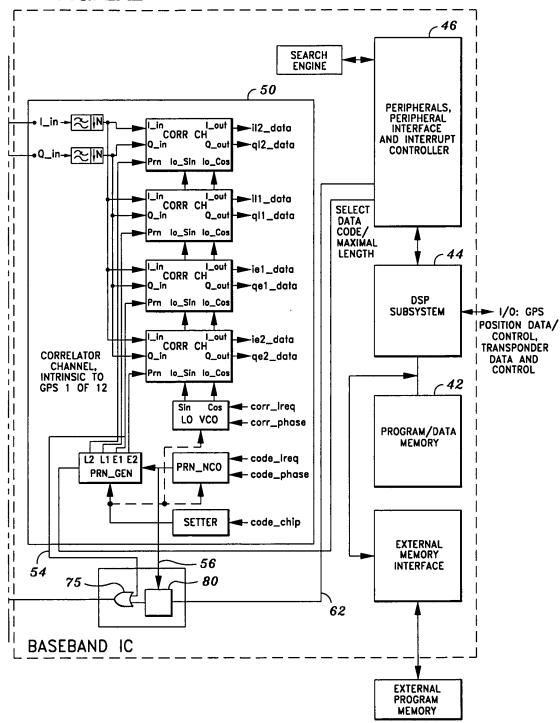
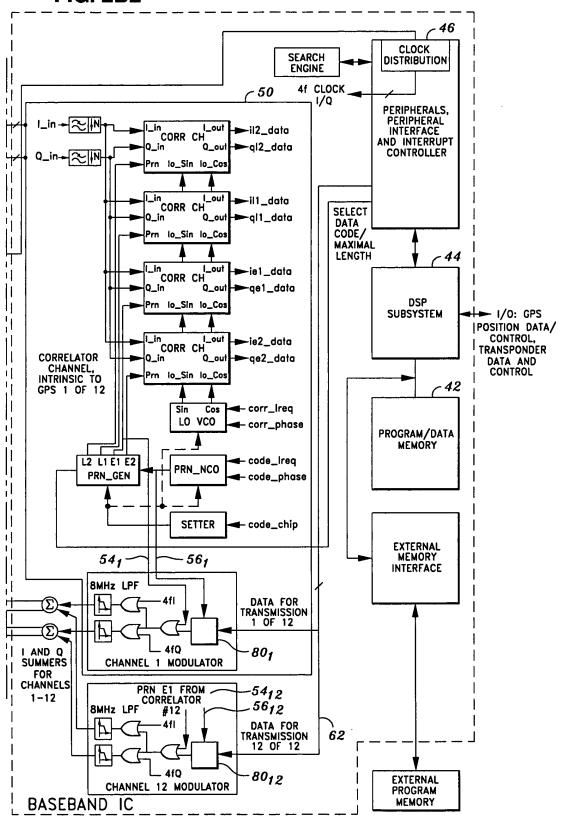


FIG. 2B1 ANTENNA 22 52 GSP I/Q BASEBAND DOWNCONVERTER TRANSPONDER ANTENNA 10 12 SAMPLE | CLOCK/ MCLOCK **SWITCH** MULTI-CHANNEL CDMA SIGNAL Bolum 68 66 SSB UP-CONVERT 26 28 LO\_I LO\_Q GPS RECEIVER/ TRANSPONDER TIME BASE SAMPLE CLOCK/MCLOCK PROGRAMMABLE FREQUENCY SYNTHESIZER AND CLOCK GENERATOR **TCXO** 100 FIG. 2B1 FIG. 2B2 FIG. 2B

**FIG. 2B2** 



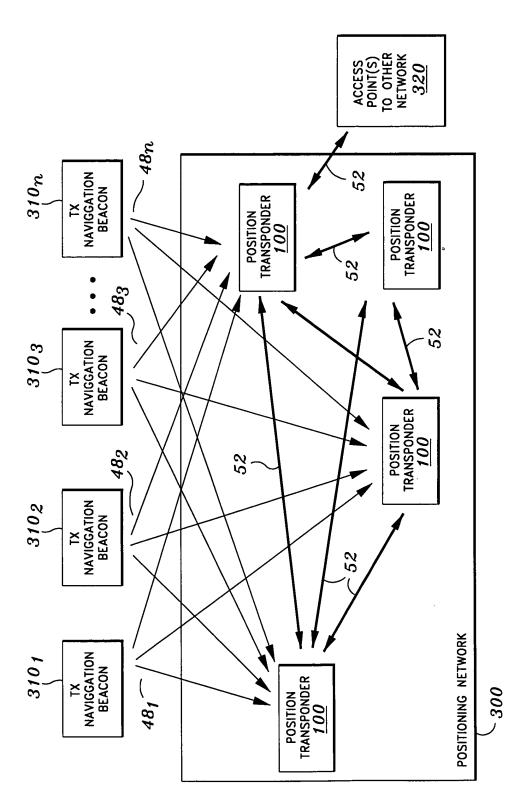


FIG. 3A

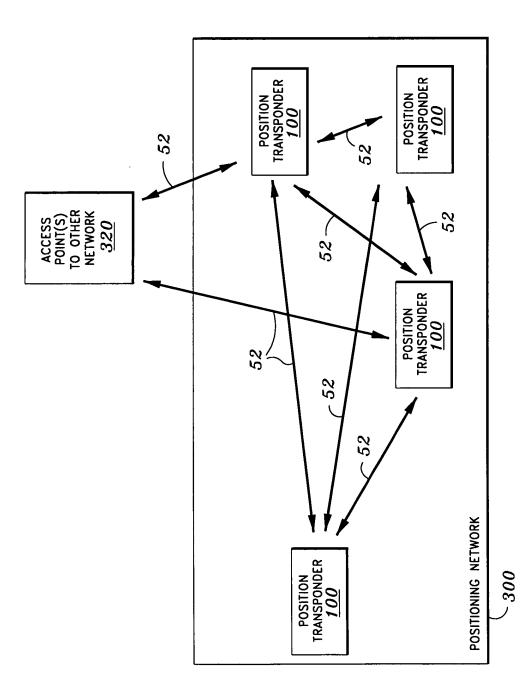


FIG. 3B

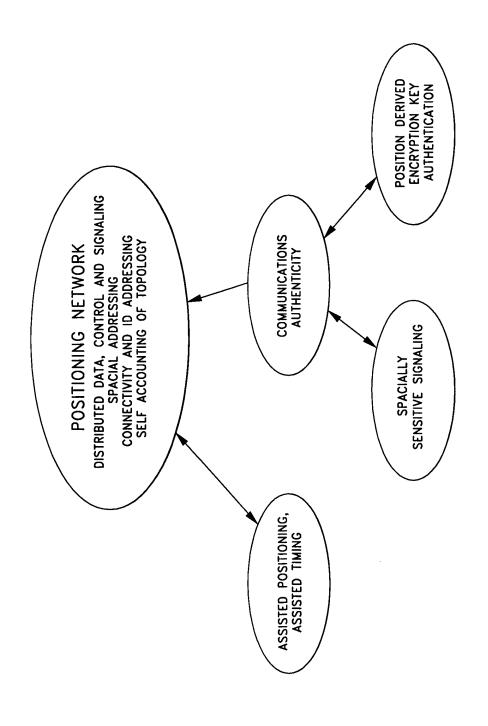


FIG. 4A

